

**WEST****End of Result Set** [Generate Collection](#)  [Print](#)

L2: Entry 3 of 3

File: EPAB

Sep 4, 2002

DOCUMENT-IDENTIFIER: EP 1237108 A2

TITLE: Secure electronic commerce

Abstract Text (1):

CHG DATE=20021002 STATUS=0> Secure transactions are achieved over a public network by using a private network to handle the sensitive information of the transaction. When a client requests a product from a vendor server over a public network, the vendor server notifies a facilitation server on the public network. This results in the client receiving a set of computer readable instructions from the facilitation server. The set of instructions provide access instructions to a transaction server system on the private network so that sensitive transaction information is sent to the transaction server system on the private network rather than over the public Internet. Where the sensitive information is credit card information, the transaction server system may obtain authorisation for the transaction from a financial institution and then notify the vendor accordingly. Where the sensitive information is the identity of a user of the client, the transaction server may selectively authorise the transaction without the vendor being apprised of the identity of a user of the client. Secure communications may also be achieved by sending sensitive communications over the private network.

# WEST Search History

DATE: Monday, December 15, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
		result set	
side by side			
	<i>DB=PGPB; PLUR=YES; OP=ADJ</i>		
L5	l3 and l4	12	L5
L4	(709/217 OR 709/229 OR 709/225 OR 709/227 OR 713/201 OR 713/200).CCLS.	3951	L4
L3	(intranet\$ or (virtual\$ adj (network\$ or lan or wan)) or (privat\$ adj (network\$ or lan or wan))) same server same (authoriz\$ or authoris\$ or secur\$ or authentic\$ or confidential\$) same notif\$	51	L3
	<i>DB=JPAB,EPAB; PLUR=YES; OP=ADJ</i>		
L2	L1 same notif\$	3	L2
L1	(intranet\$ or (virtual\$ adj (network\$ or lan or wan)) or (privat\$ adj (network\$ or lan or wan))) same server same (authoriz\$ or authoris\$ or secur\$ or authentic\$ or confidential\$)	54	L1

END OF SEARCH HISTORY

## WEST

 Generate Collection  Print

L5: Entry 7 of 12

File: PGPB

Oct 31, 2002

DOCUMENT-IDENTIFIER: US 20020162027 A1

TITLE: Secure electronic commerce

Abstract Paragraph (1):

Secure transactions are achieved over a public network by using a private network to handle the sensitive information of the transaction. When a client requests a product from a vendor server over a public network, the vendor server notifies a facilitation server on the public network. This results in the client receiving a set of computer readable instructions from the facilitation server. The set of instructions provide access instructions to a transaction server system on the private network so that sensitive transaction information is sent to the transaction server system on the private network rather than over the public Internet. Where the sensitive information is credit card information, the transaction server system may obtain authorisation for the transaction from a financial institution and then notify the vendor accordingly. Where the sensitive information is the identity of a user of the client, the transaction server may selectively authorise the transaction without the vendor being apprised of the identity of a user of the client. Secure communications may also be achieved by sending sensitive communications over the private network.

Current US Classification, US Primary Class/Subclass (1):  
713/201Current US Classification, US Secondary Class/Subclass (2):  
709/225Current US Classification, US Secondary Class/Subclass (3):  
709/227Summary of Invention Paragraph (7):

[0006] Secure transactions are achieved over a public network by using a private network to handle the sensitive information of the transaction. When a client requests a product from a vendor server over a public network, the vendor server notifies a facilitation server on the public network. This results in the client receiving a set of computer readable instructions from the facilitation server. The set of instructions provide access instructions to a transaction server system on the private network so that sensitive transaction information is sent to the transaction server system on the private network rather than over the public Internet. Secure communications may also be achieved by sending sensitive communications over the private network.

## WEST

## End of Result Set

 Generate Collection 

L10: Entry 3 of 3

File: USPT

May 28, 2002

DOCUMENT-IDENTIFIER: US 6397261 B1  
TITLE: Secure token-based document server

Brief Summary Text (10):

In accordance with the invention, there is provided a method and apparatus therefor, for operating on a network a secure document server (or a token-enabled server). The secure document server receives from a holder of a document token a request for a copy of a document identified by the document token. The document token includes issuer content and a signature from an issuer and holder content and a signature from the holder. The secure document server locates in the issuer content a document identifier, a hint to a public key of the issuer, and a public key of the holder. The document identifier specifies where the document is stored on the network. In a key list on the secure document server, the server locates the public key of the issuer using the hint to the public key of the issuer. Subsequently, the server authenticates the issuer content of the document identifier with the public key of the issuer. The server then locates in the holder content of the document a time stamp. The time stamp identifies when the holder of the document token requested the copy of the document. Using the public key of the holder, the server authenticates the holder content of the document identifier. Also, the server verifies that the time stamp is within a predetermined window of time relative to a current time. Finally, the secure document server issues, to the holder of the document identifier, a copy of the document identified by the document identifier when the document token is authenticated. The authentication process allows the secure document server to authenticate a request for the document identified by the document token without prior knowledge of the identity of the holder of the document token.

Detailed Description Text (16):

The difference between a token-aware shared document server 134 and a token-aware personal document server 128 is that the shared document server 134 is capable of authenticating requests to fetch documents identified in document tokens using many different key pairs. In contrast, the personal document server 128 may only authenticate requests with one or two key pairs, such as a device key from the mobile computing device 118 and the personal workstation 108. Accordingly, the shared document server 134, unlike the personal document server 128, is adapted to accommodate a number of users operating on Intranet 116.

# WEST Search History

DATE: Monday, December 15, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
			result set
<i>side by side</i>			
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
L13	l12 and l6	0	L13
L12	((select\$ or choos\$ or chos\$) near2 receiv\$) and l7	30	L12
L11	((select\$ or choos\$ or chos\$) near2 receiv\$) same l7	0	L11
L10	l8 and l9	3	L10
L9	l7 and l6	19	L9
L8	L7 same (intranet\$ or (virtual\$ adj (network\$ or lan or wan)) or (privat\$ adj (network\$ or lan or wan)))	8	L8
L7	(identif\$ near4 (authoriz\$ or authoris\$ or secur\$ or authentic\$ or confidential\$)) near12 document	488	L7
L6	(709/217 OR 709/229 OR 709/225 OR 709/227 OR 713/201 OR 713/200)!.CCLS.	5139	L6
<i>DB=PGPB; PLUR=YES; OP=ADJ</i>			
L5	l3 and l4	12	L5
L4	(709/217 OR 709/229 OR 709/225 OR 709/227 OR 713/201 OR 713/200).CCLS.	3951	L4
L3	(intranet\$ or (virtual\$ adj (network\$ or lan or wan)) or (privat\$ adj (network\$ or lan or wan))) same server same (authoriz\$ or authoris\$ or secur\$ or authentic\$ or confidential\$) same notif\$	51	L3
<i>DB=JPAB,EPAB; PLUR=YES; OP=ADJ</i>			
L2	L1 same notif\$	3	L2
L1	(intranet\$ or (virtual\$ adj (network\$ or lan or wan)) or (privat\$ adj (network\$ or lan or wan))) same server same (authoriz\$ or authoris\$ or secur\$ or authentic\$ or confidential\$)	54	L1

END OF SEARCH HISTORY

# WEST Search History

DATE: Monday, December 15, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
		result set	
	<i>side by side</i>		
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
L10	l8 and l9	3	L10
L9	l7 and l6	19	L9
L8	L7 same (intranet\$ or (virtual\$ adj (network\$ or lan or wan)) or (privat\$ adj (network\$ or lan or wan)))	8	L8
L7	(identif\$ near4 (authoriz\$ or authoris\$ or secur\$ or authentic\$ or confidential\$)) near12 document	488	L7
L6	(709/217 OR 709/229 OR 709/225 OR 709/227 OR 713/201 OR 713/200)!.CCLS.	5139	L6
	<i>DB=PGPB; PLUR=YES; OP=ADJ</i>		
L5	l3 and l4	12	L5
L4	(709/217 OR 709/229 OR 709/225 OR 709/227 OR 713/201 OR 713/200).CCLS.	3951	L4
L3	(intranet\$ or (virtual\$ adj (network\$ or lan or wan)) or (privat\$ adj (network\$ or lan or wan))) same server same (authoriz\$ or authoris\$ or secur\$ or authentic\$ or confidential\$) same notif\$	51	L3
	<i>DB=JPAB,EPAB; PLUR=YES; OP=ADJ</i>		
L2	L1 same notif\$	3	L2
L1	(intranet\$ or (virtual\$ adj (network\$ or lan or wan)) or (privat\$ adj (network\$ or lan or wan))) same server same (authoriz\$ or authoris\$ or secur\$ or authentic\$ or confidential\$)	54	L1

END OF SEARCH HISTORY